

Reg. No:

**First Year B.Sc Nursing Degree Supplementary Examinations
May (November), 2020****Nutrition and Biochemistry****Time: 3 Hours****Max Marks: 75**

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary
- Write section A (32 Pages) and section B (32 Pages) in separate answer books. Do not mix up questions from section A and section B.

Q P Code: 104010**Section A – Nutrition****Marks: 50****Essay****(10)**

1. Write an essay on TCA Cycle. Add a note on its energetics.

Short notes**(5x5=25)**

2. Role of dietary fiber.
3. Vitamin – A deficiency disease.
4. Classification of protein.
5. Properties of fats.
6. Anaemia.

Answer Briefly**(5x3=15)**

7. Define balanced diet.
8. Give the functions of calcium.
9. ICMR food group plan.
10. Canning.
11. What are the household methods of preservation

Q P Code: 105010**Section B – Biochemistry****Marks: 25****Essay****(10)**

1. Write an essay of TCA cycle. Add a note on its energetics.

(7+3)**Short notes****(2x5=10)**

2. Regulation of blood calcium
3. Formation of ketone bodies

Define the following**(5x1=5)**

4. Name any two aromatic aminoacids
5. What is the normal blood pH
6. Function of HDL (High Density Lipoprotein)
7. Pellagra
8. Name any two biologically important compounds formed from tyrosine
